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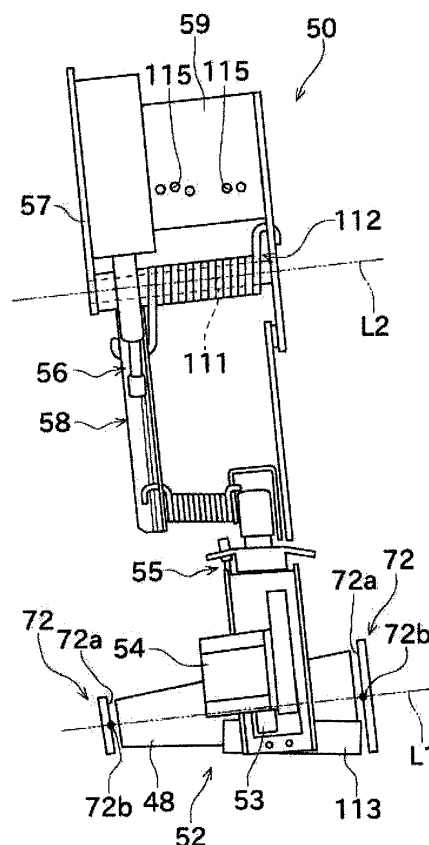
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(54) **Yarn winding apparatus**

(57) A bobbin installation device (60) includes a bobbin gripping section (52) and a path adjusting plate (59). A pivot arm (58) is attached to a rocker shaft (111) and swings by pivoting about the rocker shaft (111). The bobbin gripping section (52) grips a bobbin, onto which a yarn is to be wound, and supplies the bobbin in between a pair of bobbin holders (72) that define a target position of the bobbin. The path adjusting plate (59) can adjust a path (bobbin supplying path) along which the bobbin is supplied by the bobbin gripping section (52) to the target position. Most Illustrative Drawing: FIG. 4

FIG.4





EUROPEAN SEARCH REPORT

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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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